

**Work Order ID 55102**

January 6, 2010 9:46:44 AM

Page 1

Item ID: D3589-047

Accept

Setup Start

Revision ID:

Stop

Item Name: FWD GUIDE

Start Date: 06/01/2010 Start Qty: 2.00

Required Date: 15/01/2010 Req'd Qty: 2.00

Just Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date: 10-1-06 Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

D3589	Rev B
-------	-------

100 Weld per dwg A/R S.S. rod Batch: M109213 0.00



Large Fab

Memo 0.00

Large Fab

1- assemble and weld as per dwg D3589 QS1004

A/R Stainless Steel rod batch: M109213

PD 10.01.13 (2)

110 QC9- Inspect visual per QS1004- Fusion Welds 0.00



QC

Memo 0.00

Quality Control

CPC 10/01/13

120 QC5- Inspect part completeness to step on W/O 0.00



QC

Memo 0.00

Quality Control

=&gt; 10/01/13

(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 55102**

January 6, 2010 9:46:44 AM



Page 2

Item ID: D3589-047

Accept



Setup Start



Revision ID:

Stop



Item Name: FWD GUIDE

Start Date: 06/01/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 07/01/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg &amp; Stock Location:

72

0.00



Packaging

Memo

0.00

Packaging

10-1-18 sl (2x) 5

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/07/19 HJ

MF 10-1-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

January 6, 2010 9:46:48 AM

Page 1

Work Order ID: 55102

Parent Item: D3589-047

Parent Item Name: FWD GUIDE

Comments:

Start Date: 06/01/2010

Required Date: 15/01/2010

Start Qty: 2.00

Required Qty: 2.00

Component ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3589-17		Manufactured	No			100	Each	5.0000	2.0000			
FWD GUIDE PLATE												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	5	
45011	5	

D3589-5		Manufactured	No			100	Each	4.0000	2.0000			
LATCH GUIDE												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	4	
46104	4	

PD 10.01.13

PD 10.01.13

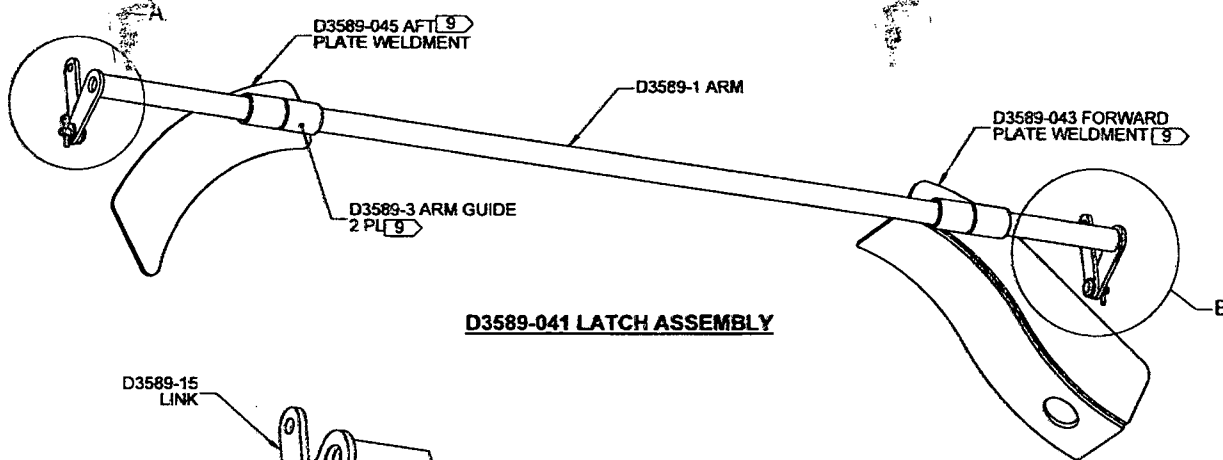
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

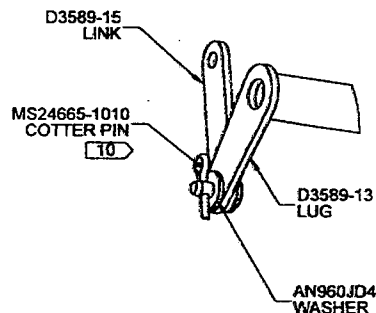
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

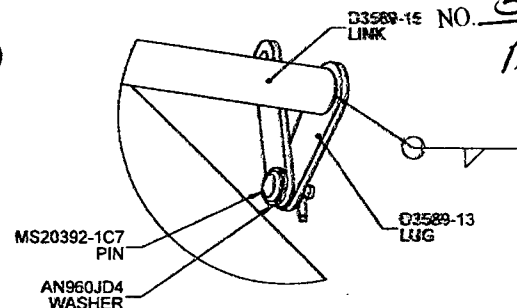


**D3589-041 LATCH ASSEMBLY**



**DETAIL A: LINK ASSEMBLY DETAIL**

SCALE 2X  
2 PL



**DETAIL B: WELDING AND  
LINK ASSEMBLY DETAIL**

SCALE 2X  
2 PL

QTY. -041	P/N	DESCRIPTION
X	D3589-041	LATCH ASSEMBLY
1	D3589-045	AFT PLATE WELDMENT
1	D3589-043	FORWARD PLATE WELDMENT
1	D3589-1	ARM
2	D3589-3	ARM GUIDE
2	D3589-13	LUG
2	D3589-15	LINK
4	AN960JD4	WASHER
2	MS20392-1C7	PIN
2	MS24665-1010	COTTER PIN

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 55102  
BT 10-1-06

**RELEASED**

**D3589-041 NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.73 lbs
- 8) WELDING: PER DART QSI 004 USING DT9033
- 9) IDENTIFIED PARTS ARE LOOSE ON D3589-1 ARM
- 10) INSTALL COTTER PIN IN ACCORDANCE WITH MS33540

B	0.90 AND 0.83 REF WERE 1.97 AND 0.60 (ZN C6-2); 0.50 WAS 1.89 (ZN C3-3); 0.75 REF REPLACES 2.01 (ZN C2-2); 29" WAS 15" (ZN B2-3); 19.06 WAS 18.88 (ZN D4-4); REDESIGNED D3589-6 (ZN A6-6) AND D3589-11F (ZN C2-3) REASON: REDESIGN FOR PROPER FIT AND TO MATCH TESTED CONFIGURATION	MS	08.06.25
A	NEW ISSUE	MS	08.05.29
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	08.06.25		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3589** REV. B  
SHEET 1 OF 8  
TITLE **LATCH ASSEMBLY** SCALE NTS

COPYRIGHT © 2008 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

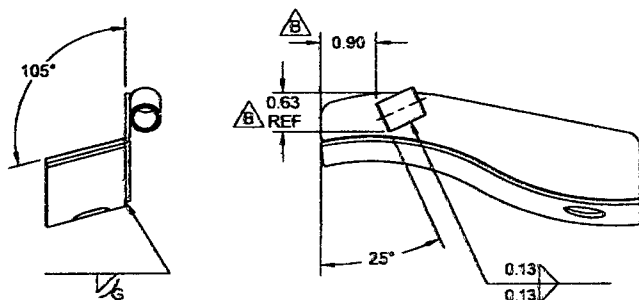
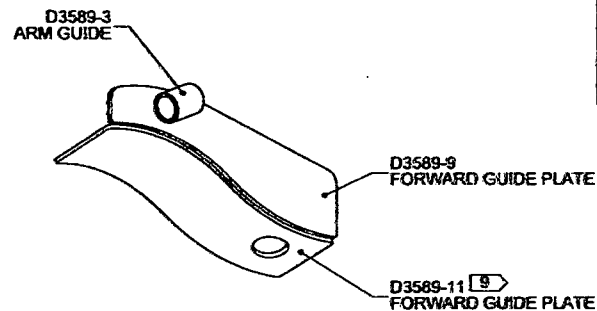
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

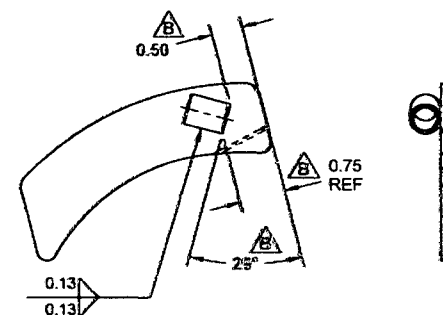
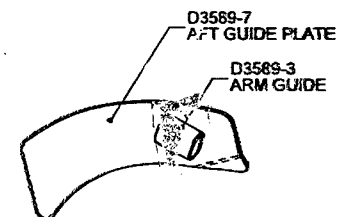
**NOTE:** Date & initial all entries



QTY -043	QTY -045	P/N	DESCRIPTION
X		D3589-043	FORWARD PLATE WELDMENT
	X	D3589-045	AFT PLATE WELDMENT
1	1	D3589-3	ARM GUIDE
1	1	D3589-7	AFT GUIDE PLATE
1		D3589-9	FORWARD GUIDE PLATE
1		D3589-11	FORWARD GUIDE PLATE



**D3589-043 FORWARD PLATE WELDMENT**



**D3589-045 AFT PLATE WELDMENT**

**D3589-043/-045 NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-0XX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT:
  - D3589-043 = 0.22 lbs
  - D3589-045 = 0.10 lbs
- 8) WELDING: PER DART QSI 004 USING DT9033
- 9) FORM D3589-11 TO FIT D3589-9 MATING EDGE

**RELEASED**  
9/10/85

W/O 55102

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. B
DRAWN			SHEET 2 OF 8
CHECKED		DRAWING NO.	
MFG. APPR.		D3589	
APPROVED		TITLE	SCALE
DE APPR.		LATCH ASSEMBLY	NTS
DATE	08.06.25	COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL. NO DISSEMINATION OR REPRODUCTION IS TO BE MADE FOR ANY PURPOSE OR COPIES OR COMMUNICATIONS TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

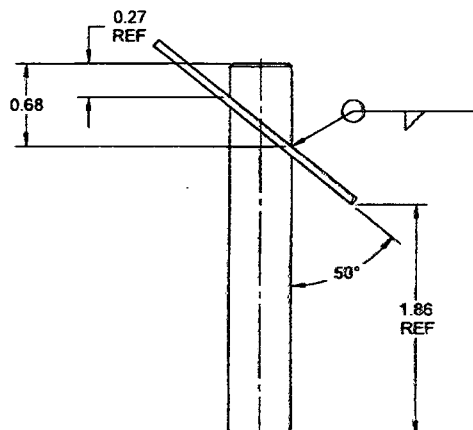
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

QTY -047	QTY -049	P/N	DESCRIPTION
X		D3589-047	FORWARD GUIDE
	X	D3589-049	AFT GUIDE
1	1	D3589-5	LATCH GUIDE
1		D3589-17	FORWARD GUIDE PLATE
	1	D3589-19	AFT GUIDE PLATE

D3589-17  
FORWARD GUIDE PLATE

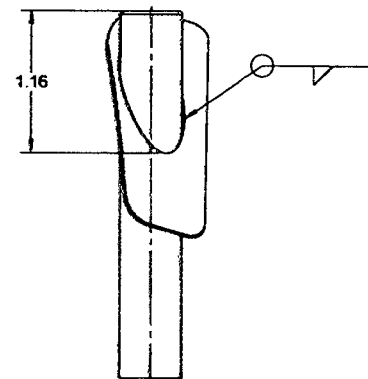
D3589-5  
LATCH GUIDE



**D3589-047 FORWARD GUIDE**

D3589-19  
AFT GUIDE PLATE

D3589-5  
LATCH GUIDE



**D3589-049 AFT GUIDE**

**D3589-047/-049 NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-0XX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.07 lbs EACH
- 8) WELDING: PER DART QSI 004

DESIGN	J	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA DRAWING NO. <b>D3589</b> TITLE <b>LATCH ASSEMBLY</b> DATE <b>08.06.25</b>	REV. B
DRAWN	J		SHEET 3 OF 8
CHECKED	PH		SCALE
MFG. APPR.	SS		NTS
DE APPR.	TH		
COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. NO DISSEMINATION OR REPRODUCTION IS PERMITTED WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

**RELEASED**  
9/25/10

W10 55102

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

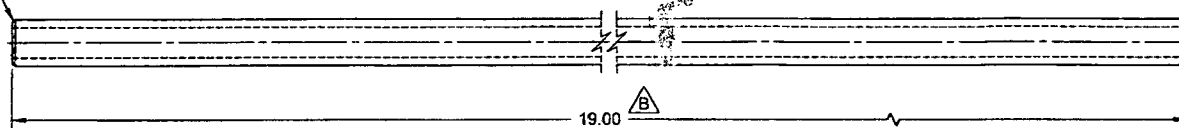
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Ø 0.375  
REF



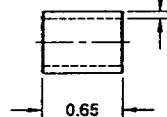
0.03 X 45°  
CHAMFER  
2 PL



0.065  
REF

**D3589-1 ARM**

Ø 0.500  
REF



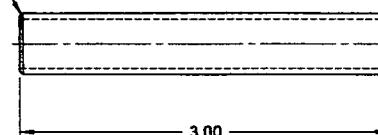
0.058  
REF

**D3589-3 ARM GUIDE**

Ø 0.500  
REF



0.03 X 45°  
CHAMFER  
2 PL



0.049  
REF

**D3589-5 LATCH GUIDE**

**D3589-1/-3/-5 NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING  
D3589-1: 0.375 O.D. X 0.065 WALL (REF. DART SPEC M304TR0.375W.065)  
D3589-3: 0.500 O.D. X 0.058 WALL (REF. DART SPEC M304TR0.500W.058)  
D3589-5: 0.500 O.D. X 0.049 WALL (REF. DART SPEC M304TR0.500W.049)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: - D3589-1 = 0.34 lbs  
- D3589-3 = 0.01 lbs  
- D3589-5 = 0.06 lbs

**RELEASED**  
9/10/05 MTD

410 55102

DESIGN	J	<b>DART AEROSPACE LTD</b>	
DRAWN	J	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PH	DRAWING NO.	REV. B
MFG. APPR.	DS	D3589	SHEET 4 OF 8
APPROVED	ND	TITLE	SCALE
DE APPR.	HT	LATCH ASSEMBLY	NTS
DATE	08.06.25	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

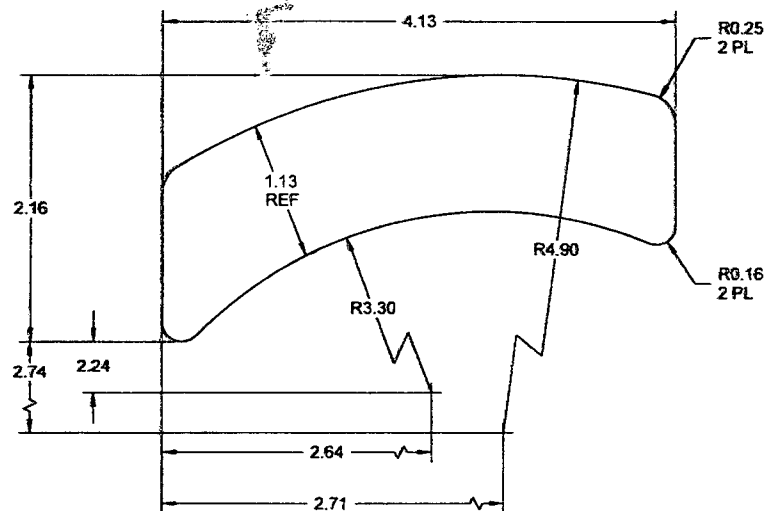
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

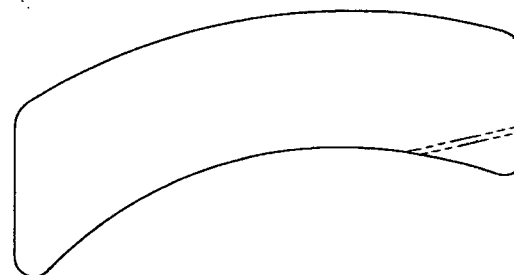
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

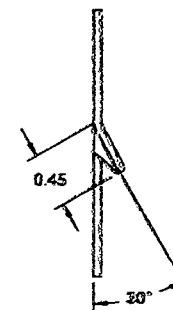
**NOTE:** Date & initial all entries



**D3589-7F AFT GUIDE PLATE  
FLAT PATTERN**



**D3589-7 AFT GUIDE PLATE  
MAKE FROM D3589-7F**



**D3589-7F NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH  
16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 016 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs

**RELEASED**  
09/24/10

W/0 55102

DESIGN	JH	<b>DART AEROSPACE LTD</b>	
DRAWN	JH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JH	DRAWING NO.	REV. B
MFG. APPR.	JH	D3589	SHEET 5 OF 8
APPROVED	JH	TITLE	SCALE
DE APPR.	JH	LATCH ASSEMBLY	NTS
DATE	08.06.25	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS RELEASED ON THE CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED FOR ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

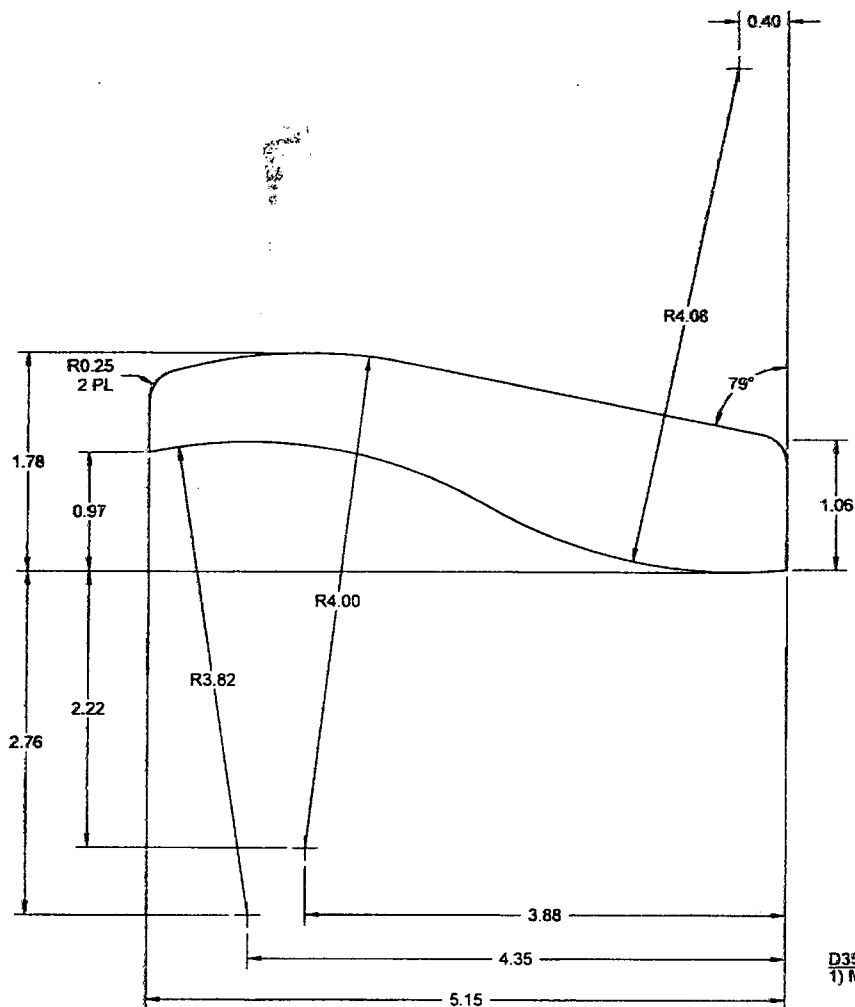
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

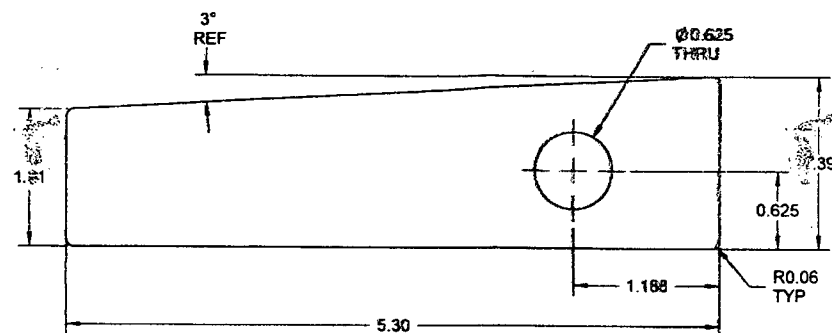
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

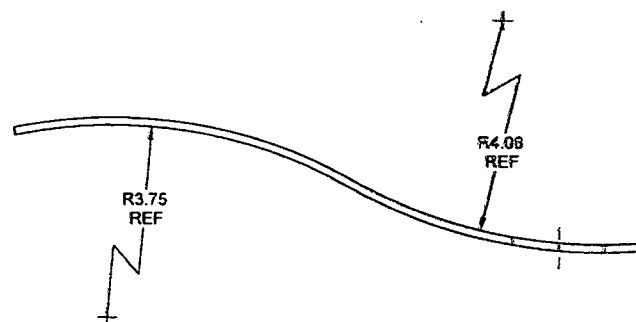




**D3589-9 FORWARD GUIDE PLATE**



**D3589-11F FORWARD GUIDE PLATE**  
**FLAT PATTERN**



**D3589-11 FORWARD GUIDE PLATE**  
(MAKE FROM D3589-11F)

**D3589-9/-11/-11F NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET,  
PER AMS 5513 OR AMS 5524,  
OR MIL-S-5059 (ANNEALED) 2B FINISH  
16 GAUGE (0.063 THICK),  
(REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS  
OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs EACH
- 8) CONTROL SHAPE PER DT9021 TEMPLATE

**RELEASED**  
9/2/05

u/o 55102

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		<b>D3589</b>	SHEET 6 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>FORWARD GUIDE PLATE</b>	NTS
DATE	08.06.25	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

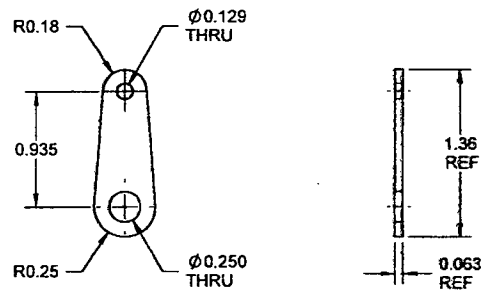
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

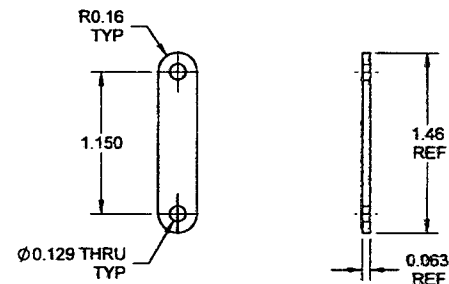
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3589-13 LUG**



**D3589-15 LINK**

**D3589-13/15 NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH  
16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 LBS EACH

**RELEASED**  
09/02/05

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DESIGN	1	DRAWING NO.	REV. B
DRAWN	6	D3589	SHEET 7 OF 8
CHECKED	6	TITLE	SCALE
MFG. APPR.	6	LATCH ASSEMBLY	NTS
APPROVED	6		
DE APPR.	6		
DATE	08.06.25	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

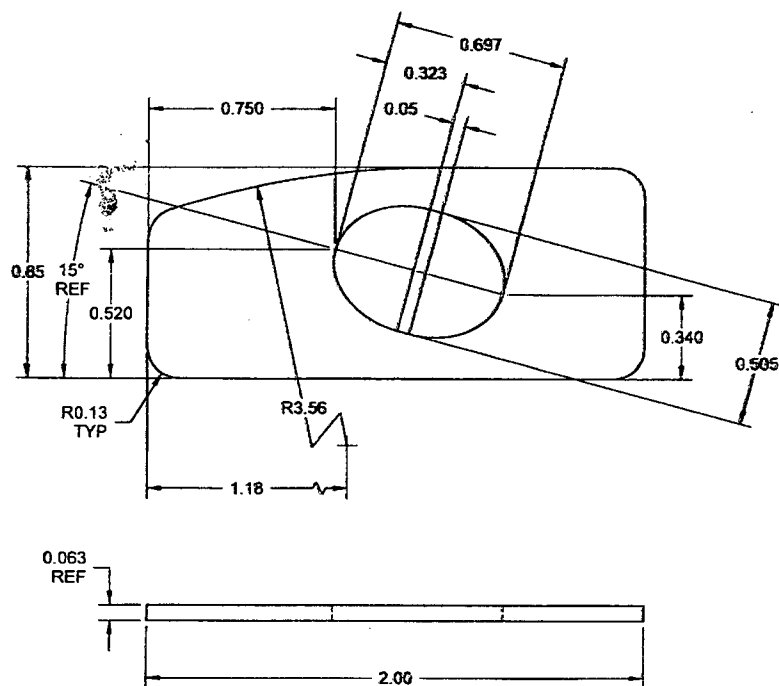
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

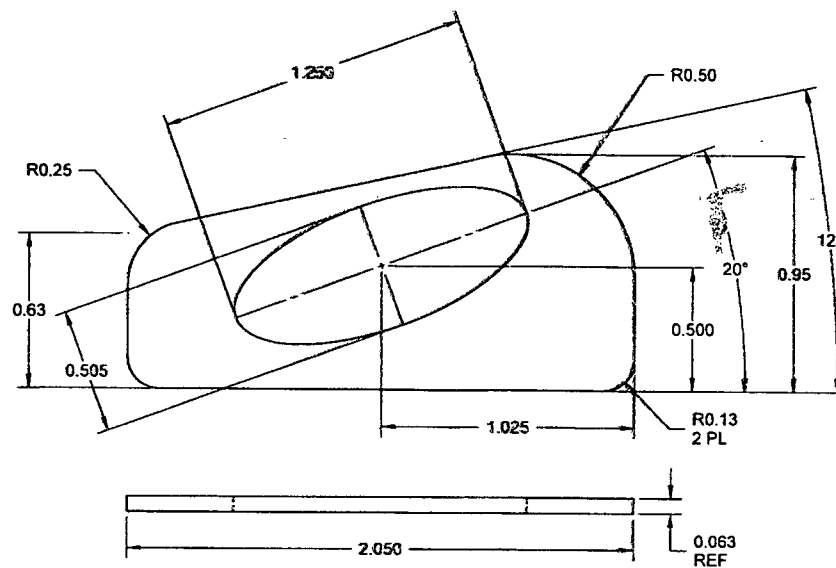
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

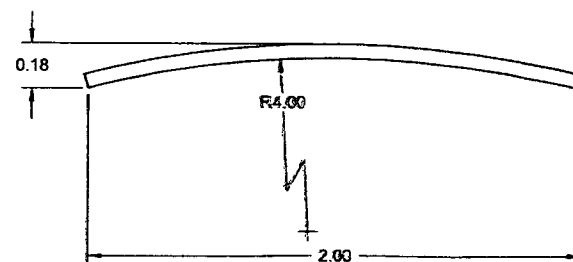
**NOTE:** Date & initial all entries



**D3589-17 FORWARD GUIDE PLATE**



**D3589-19F AFT GUIDE PLATE FLAT PATTERN**



**D3589-19 AFT GUIDE PLATE**  
(WAKE FROM D3589-19F)

**RELEASED**  
09/02/05/11/10

**D3589-17/-19/-19F NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH  
16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs EACH

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		<b>D3589</b>	SHEET 8 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>LATCH ASSEMBLY</b>	NTS
DATE	08.06.25	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED FOR THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED, COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries